

# Gould Electronics

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**Gould Electronics Inc.** -- founded in 1884 and based in Chandler, Arizona -- is a company involved in the electronics and semiconductor industries. They make printed circuit materials for use by electronics manufacturers. Having acquired Systems Engineering Laboratories Gould became involved in the Superminicomputer computer business. Gould's non-defense businesses were acquired in 1988 by Nippon Mining, now Japan Energy Corporation, a publicly traded Japanese company.

From 1977 to the mid 1980s the company owned the Modicon brand of programmable logic controller that is now owned by Schneider Electric. This was in a phase where the company became a mini-conglomerate.

Gould is the current owner of a lead-contaminated parcel of land in Throop, Pennsylvania, which it bought in the early 1980s from the former Marjol Battery and Equipment Company.

## Noted Products

The Computer Generated Imagery for the title credits of the 80's television show Amazing Stories was created using a Gould 9080 computer.<sup>[*citation needed*]</sup>

## External links

- Official website (<http://www.gould.com>)
- Company History ([http://www.gould.com/about\\_gould/history/index\\_eng.html](http://www.gould.com/about_gould/history/index_eng.html))

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## Gould Electronics Inc.



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**Type:** Subsidiary

**On the web:** <http://www.gould.com>

Gould Electronics manufactures a variety of copper foils used to make printed circuit boards (PCBs) -- commonly used in computers, home entertainment systems, mobile phones, and other electronics. Products include its JTC-brand electrodeposited copper foil, TCR-brand resistor foil, and special-application foils. The company is based in Germany and distributes its products globally through a network of independent distributors. Founded in 1884, the company is now a division of Nikko Materials (Nippon Mining subsidiary).

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## About GOULD Electronics

Electrodeposited copper foil has been used for half a century as raw material in microelectronics. GOULD was quick to recognize the opportunities and prospects that would present themselves in the PCB industry and to strategically invest in the technology of electroplating. As a result GOULD is one of the world's leading supplier of high quality copper foil products. A large number of top-notch copper clad and PCB manufacturers are customers of GOULD. Thanks to our technological competence, quality, a high degree of customer orientation and our international orientation we have achieved a place among the top ED copper foil suppliers in the world.

**1908**

First patent for electroplating copper foil issued to Edison

**1963**

First production of ED copper foil in Eichstetten, Germany

**1988**

GOULD acquired by Japan Energy (now Nippon Mining)

**2000**

GOULD Germany opens new CAC®/CSC production facility

**2003**

GOULD consolidates US operations in Chandler plant

**2004**

Transfer of Eichstetten assets to Nikko Materials Tokyo

**2006**

GOULD Germany starts support of North American market; foundation of HPCF Inc.

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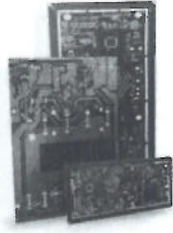


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## Gould Electronics, Inc. History

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**Wholly Owned Subsidiary of Japan Energy Corporation**  
**Incorporated:** 1928 as Gould Storage Battery

**Employees:** 3,000

**Sales:** \$280 million

**SICs:** 3497 Metal Foil & Leaf; 3674 Semiconductors & Related Devices

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### Company History:

Gould Electronics, Inc., is a designer and manufacturer of materials and components for use in the electrical and electronics markets. Headquartered in Eastlake, Ohio, the company is a wholly owned subsidiary of Japan Energy Corporation, a diverse corporation with interests in petroleum, specialty metals, electronics, biotechnology, and pharmaceuticals. Following an extensive history in the automotive battery market, Gould diversified during the 1970s and 1980s, but incurred significant debt that led to its acquisition. In 1993, Gould Inc. was liquidated and a new company called Gould Electronics, Inc., was established.

The origin of Gould Electronics dated to the late 1800s. Charles J. Gould started a small foundry to forge couplers for railroad cars. During its early years, Gould Coupler was a successful business and continued to add other products to its line, including batteries for railcars. When a fire destroyed Gould's plant in 1895, he rebuilt his business on a much larger scale and established a town around his factory. The new community of Depew was founded on 1,300 acres outside Buffalo, New York, and named after Chauncey Depew, president of New York Central Railroad and Gould's biggest customer.

The growing market for storage batteries prompted Gould to expand his product line and change the business name to Gould Storage Battery Corporation. Gould produced storage batteries for use by trains, electric utilities, subways, elevators, and farms. Gould also became a principal supplier of submarine batteries to the United States Navy. In addition, Gould developed a battery for the rapidly growing automotive industry. By 1930, the company had become an established name in the battery industry and was one of the largest manufacturers of industrial batteries in the country.

Over 900 miles away in St. Paul, Minnesota, another company was carving a successful niche in the battery business during this time. The Electric Manufacturing Company was originally a distributor of electrical accessories, but after a man named Lytton J. Shields bought the company, he guided it into the automotive battery distributorship business. Realizing that the real success came from the manufacturing end of the business, Shields pursued an affordable way to make lead grids and connectors for batteries. After two years of research, the company went into battery production and was renamed the National Lead Battery Company.

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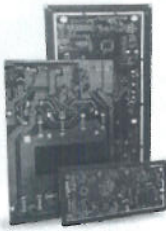


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